

# INSPECTION

PMAC Inspection is a division of the PMAC Group of companies who specialise in flow assurance and integrity support products and services to the Oil, Gas and related Industries. PMAC serves the global oil and gas industry from exploration through to production and transportation of hydrocarbons utilising a unique blend of proprietary expertise and an established range of technologies; drawing on a combined knowledge of practical experience in chemistry, corrosion, inspection and electronic engineering to provide clients with a unique design and manufacturing capability, complimented with a range of service capabilities. PMAC covers a worldwide market and have gained a reputation for innovative solutions and through its subsidiaries have gained a reputation for delivering cost effective quality services.

PMAC Inspection is a leading provider of a range of underwater inspection services to the Offshore Oil and Gas Industry on a worldwide basis. With numerous skill sets under one roof, PMAC Inspection can offer multitasking engineers, helping reduce costs and bed space requirements. The service offerings include subsea Cathodic Protection (C.P) surveys utilising PMAC's unique system, Flooded Member Detection (FMD) surveys with combined skilled engineers.

PMAC offer a complete Offshore CP Inspection service to ensure the integrity of pipelines and structures. This service is based on proven technology with further developed hardware and software to meet industry and legislative requirements and experienced engineers.

With Offices in Aberdeen, Singapore and a representative office in Jakarta, Indonesia. PMAC Inspection leverages advanced equipment and techniques to provide innovative inspection solutions that deliver low cost, high quality solutions for our clients. With many years experience working with the leading underwater inspection companies, PMAC is well placed to offer our clients the benefit of this experience to provide the best solutions for our clients.

PMAC Inspection offers complete project management from consulting to total project control and execution. We strive at all times to meet and exceed our client's expectations to deliver their projects within budget and help them to manage their asset inspections.

### CONSULT

PMAC Inspection works with their clients and partners to understand the challenges and objectives and make appropriate technical and business recommendations for a solution that fits their needs.

### PREPARE

The experience that PMAC Inspection has with inspection technology, procedures and staff, we not only get the right technology in place, but also make sure that the client is getting the quality information they require to make decisions regarding the maintenance of their assets.

### MANAGE

PMAC Inspection takes a very active role in managing the data collected during the project including pre-project data preparation, project execution, reporting and archiving of the data using the latest in software and hardware technologies.



UK Office: PMAC House, Greenhole Park, Greenhole Place, Aberdeen, UK AB23 8EU  
Tel: +44 (0)1224 703032  
Fax: +44 (0)1224 821660  
Email: [contact@pmacinspection.com](mailto:contact@pmacinspection.com)

Singapore Office: 35 Changi South Avenue 2, Sunny Industrial Building, Singapore 486134  
Tel: +65 6214 3990  
Email: [asia.pacific@pmacinspection.com](mailto:asia.pacific@pmacinspection.com)



PMAC specialises in providing cost effective inspection and our staff have many years experience working within the offshore Oil and Gas industry. Our team has a wealth of knowledge and experience that is available to help our clients with their specific projects no matter how large or small.

Our specialised services include:

Providing a complete solution to the inspection requirements of the offshore Oil and Gas Industry. From top-side to the seabed, PMAC has the solution. Preparation of databases such as COABIS, inspection drawings, procedures and reporting.

Provision of VisualSoft and our own digital video encoding, eventing and reporting hardware and software systems.

Provision of a custom built portable offshore office complete with cabling and basic equipment to make the mobilisation as easy and cost effective as possible.

Acoustic imaging solutions to provide an overall picture of the subsea assets and provide an image in poor visibility conditions.

Development of remote monitoring solutions to provide continuous data on the condition of the assets. Using web based interfaces, the data is accessible anywhere by those personnel authorised to access it.

## Work History

The development of RFID solutions tailored to the unique environments of the offshore Oil and Gas industry.

The management and staff of PMAC have successfully completed a wide range of inspection projects for many different clients. With more than 30 years experience in underwater inspection, the management of PMAC has the knowledge and capability to successfully complete a wide variety of inspection projects.

Typical projects consist of the following:

- Provision of the pre-project planning and preparation.
- Mobilisation of the equipment and personnel on the vessel or offshore location.
- Perform the inspection tasks included in the Scope of Work
- Provide data management of the video and inspection data
- Prepare the reports, drawings and charts and submit to the client.

Our list of clients over the years includes:

ConocoPhillips, Chevron, ExxonMobil, BP, British Gas, Pertamina, Premier Oil, Star Energy, Pearl Oil, PTT, Amerada Hess, Shell, CNR, Statoil, Pemex, Petrobras, RasGas, Maersk, Fairfield, Apache, Marathon, Total and Talisman,

## Personnel

PMAC has a wealth of knowledge and experience that is available to our clients to assist with their project requirements. Our personnel consist of data recorders, data processors, technicians and CSWIP 3.4U qualified inspection engineers. The management of PMAC has many years experience in working with the Offshore Oil and Gas Industry and leads a team of dedicated professionals who are focussed on meeting and exceeding our client's expectations. With extensive specialist training and a commitment to safety, quality and customer satisfaction, PMAC are ideally placed to deliver cost effective solutions to our clients.

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